LISTING OF CLAIMS

1.   (Currently amended)   A system for monitoring operation of a software application that executes on a processor, which software application is equipped with a Reporting Application Interface that produces a predetermined set of statistics to report on the operation of said software application, comprising:

software application selection means, responsive to user input, for identifying a software application, equipped with a Reporting Application Interface, that is executing on said processor;

function identification means for automatically determining which function is presently executing in said identified software application;

polling means for bypassing said Reporting Application Interface and periodically polling said presently executing function in said identified software application to retrieve statistics data indicative of operation of said presently executing function in said identified software application; and

data repository means for storing data indicative of an identity of said presently executing function and said retrieved statistics data in a memory.

2.   (Previously presented) The system for monitoring operation of a software application of claim 1 further comprising:

means, responsive to user data input, for setting a polling interval for said polling means.

Claim 3(Canceled)

4.   (Previously presented) The system for monitoring operation of a software application of claim 1 wherein said function identification means comprises:

means for retrieving statistics data directly from the process call stack of said identified software application.

5.   (Previously presented) The system for monitoring operation of a software application of claim 1 wherein said polling means comprises:

means for monitoring all the functions embodied in the software application.

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6.   (Previously presented) The system for monitoring operation of a software application of claim 1 wherein said software application comprises a plurality of functions, said data repository means comprises:

means for storing statistics data from all of the functions presently executing within said software application.

7.   (Previously presented) The system for monitoring operation of a software application of claim 1 wherein said data repository means comprises:

means for storing said data indicative of an identity of said presently executing function and said retrieved statistics data individually in the data repository to thereby enable the separate analysis of the statistics data.

8.   (Currently amended)   A method for monitoring operation of a software application that executes on a processor, which software application is equipped with a Reporting Application Interface that produces a predetermined set of statistics to report on the operation of said software application, comprising:

identifying, in response to user input, a software application, equipped with a Reporting Application Interface, that is executing on said processor;

automatically determining which function is presently executing in said identified software application;

bypassing said Reporting Application Interface and periodically polling a presently executing function in said identified software application to retrieve statistics data indicative of operation of said presently executing function in said identified software application; and

storing data indicative of an identity of said presently executing function and said retrieved statistics data in a data repository.

9.   (Previously presented) The method for monitoring operation of a software application of claim 8 further comprising:

setting, in response to user data input, a polling interval for said step of polling.

Claim 10   (Canceled)

11.   (Previously presented) The method for monitoring operation of a software application of claim 8 wherein said step of automatically determining comprises:

retrieving statistics data directly from the process call stack of said identified software application.

12.   (Previously presented) The method for monitoring operation of a software application of claim 8 wherein said step of bypassing comprises:

monitoring all the functions embodied in the software application.

13.   (Previously presented) The method for monitoring operation of a software application of claim 8 wherein said software application comprises a plurality of functions, said step of storing data in said data repository comprises:

storing statistics data from all of the functions presently executing within said software application.

14.   (Previously presented) The method for monitoring operation of a software application of claim 8 wherein said step of storing data in said data repository comprises:

storing said retrieved statistics data individually in the data repository to thereby enable the separate analysis of the statistics data.